ETH20197603US

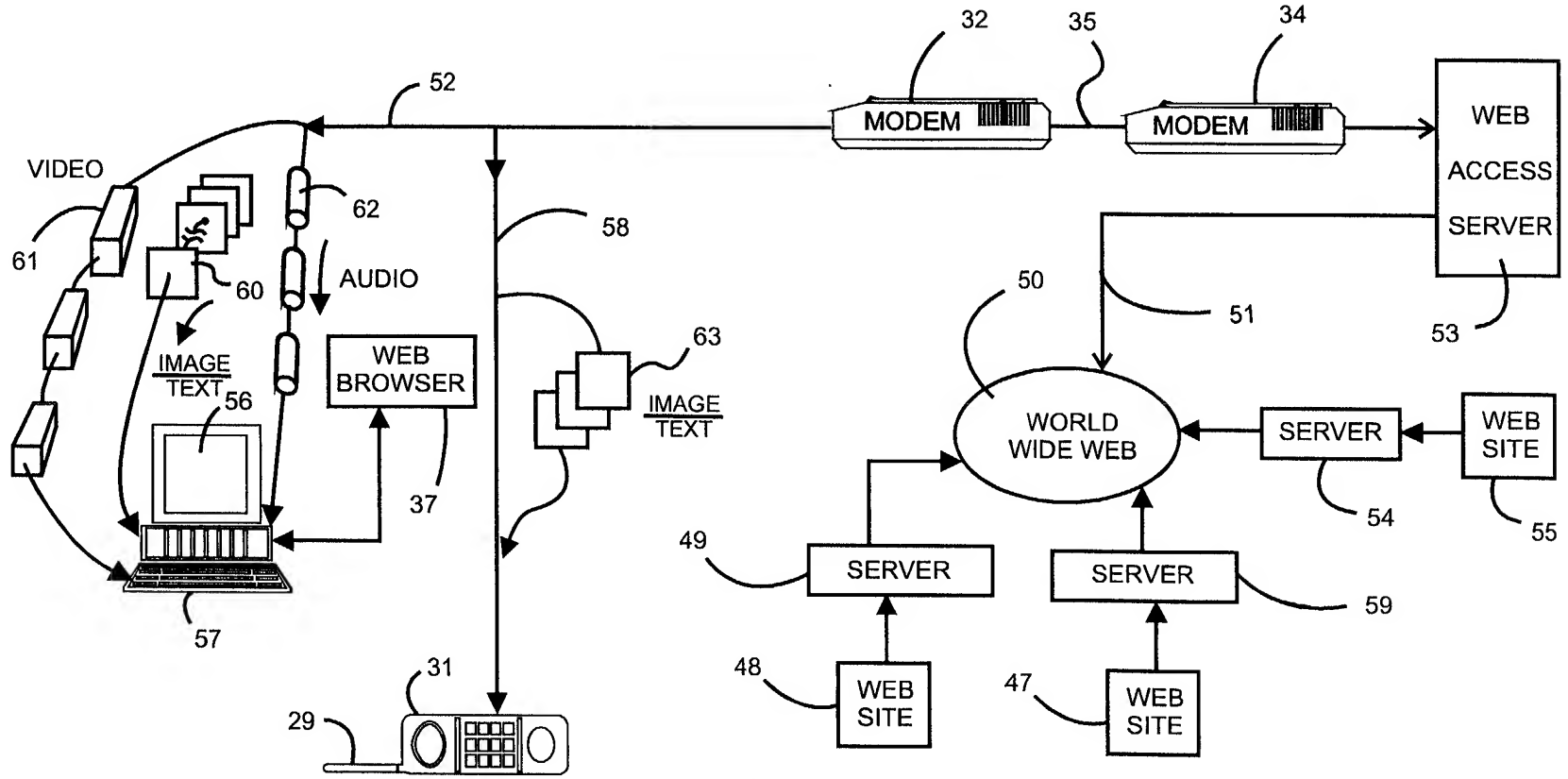


FIG. 1

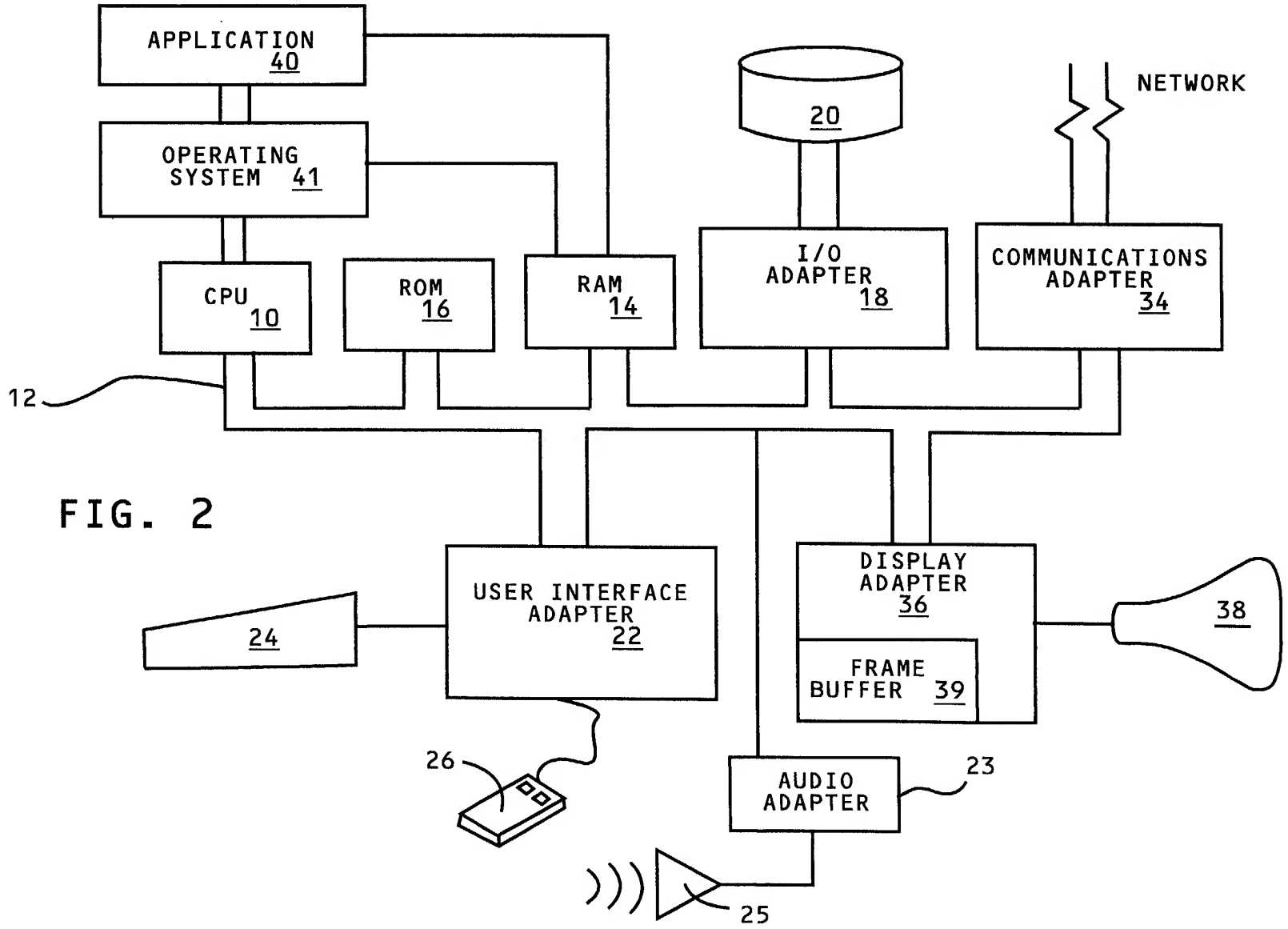

APPLICATION
40
OPERATING
SYSTEM 41
CPU
10
ROM
16
RAM
14
20
I/O
ADAPTER
18
NETWORK
COMMUNICATIONS
ADAPTER
34
12
USER INTERFACE
ADAPTER
22
24
26
DISPLAY
ADAPTER
36
FRAME
BUFFER 39
38
AUDIO
ADAPTER
23
25

FIG. 2

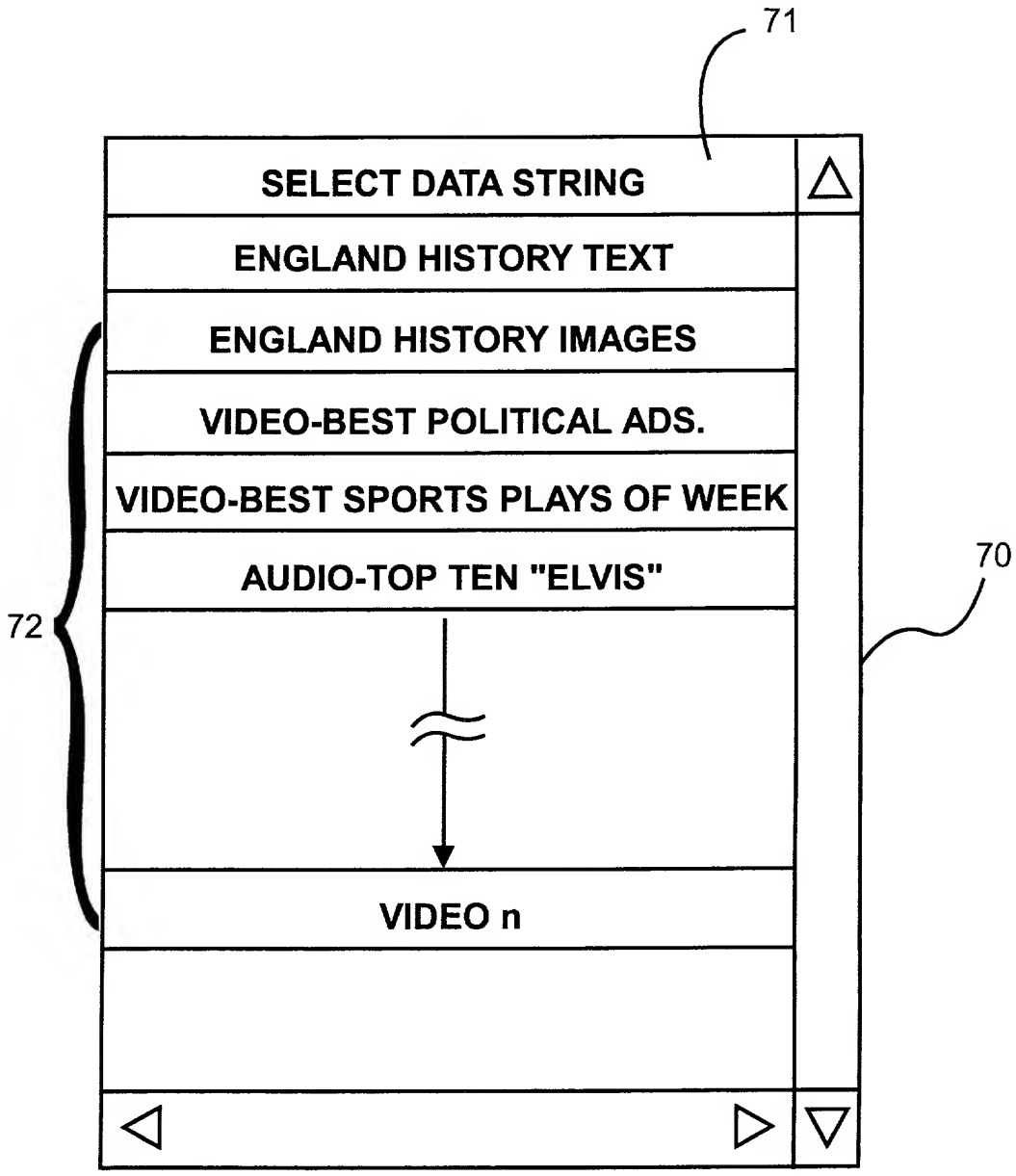

71
SELECT DATA STRING
ENGLAND HISTORY TEXT
ENGLAND HISTORY IMAGES
VIDEO-BEST POLITICAL ADS.
VIDEO-BEST SPORTS PLAYS OF WEEK
AUDIO-TOP TEN "ELVIS"
72
VIDEO n
70

FIG. 3

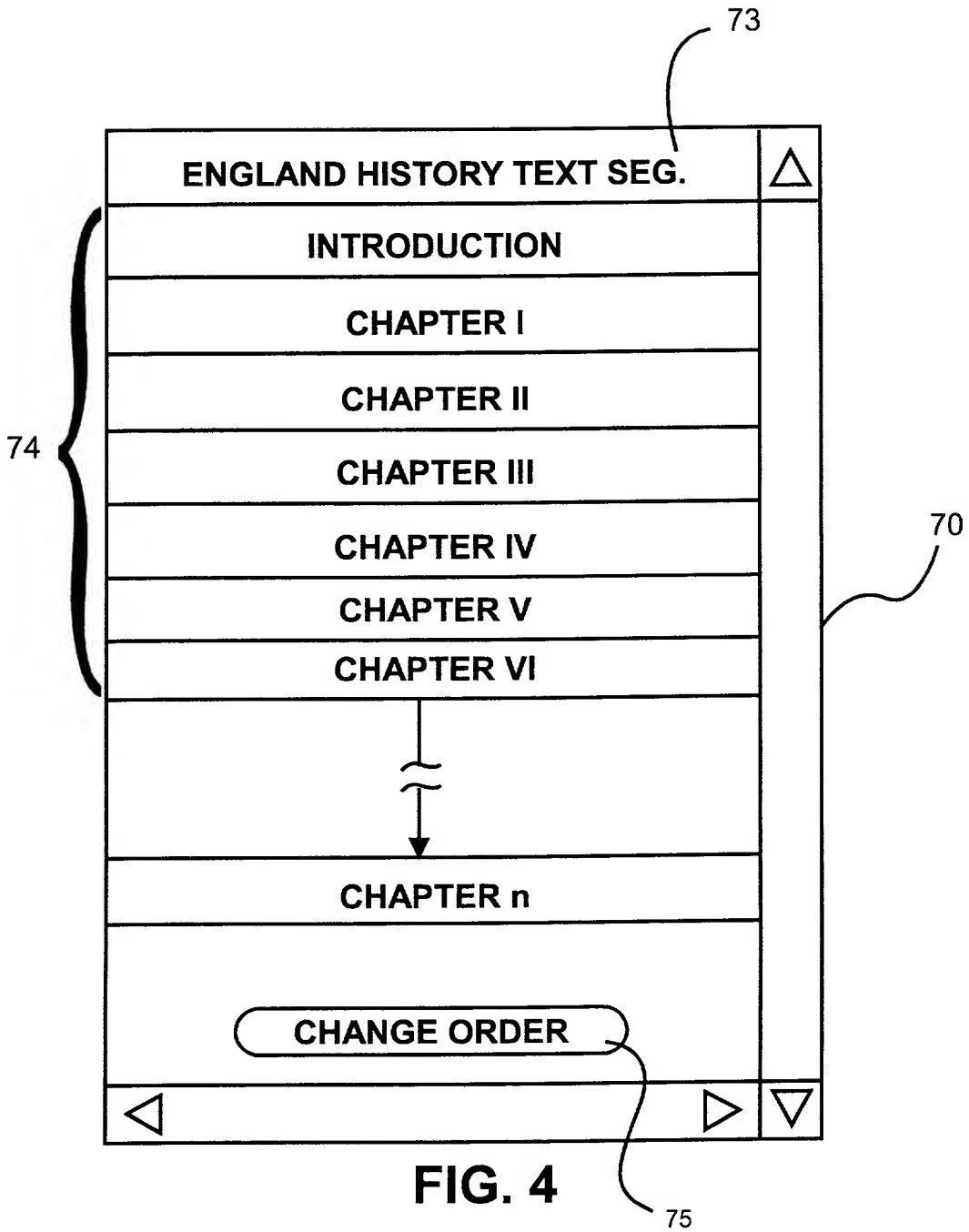

73
ENGLAND HISTORY TEXT SEG.
INTRODUCTION
CHAPTER I
CHAPTER II
CHAPTER III
CHAPTER IV
CHAPTER V
CHAPTER VI
CHAPTER n
CHANGE ORDER
74
70
75

FIG. 4

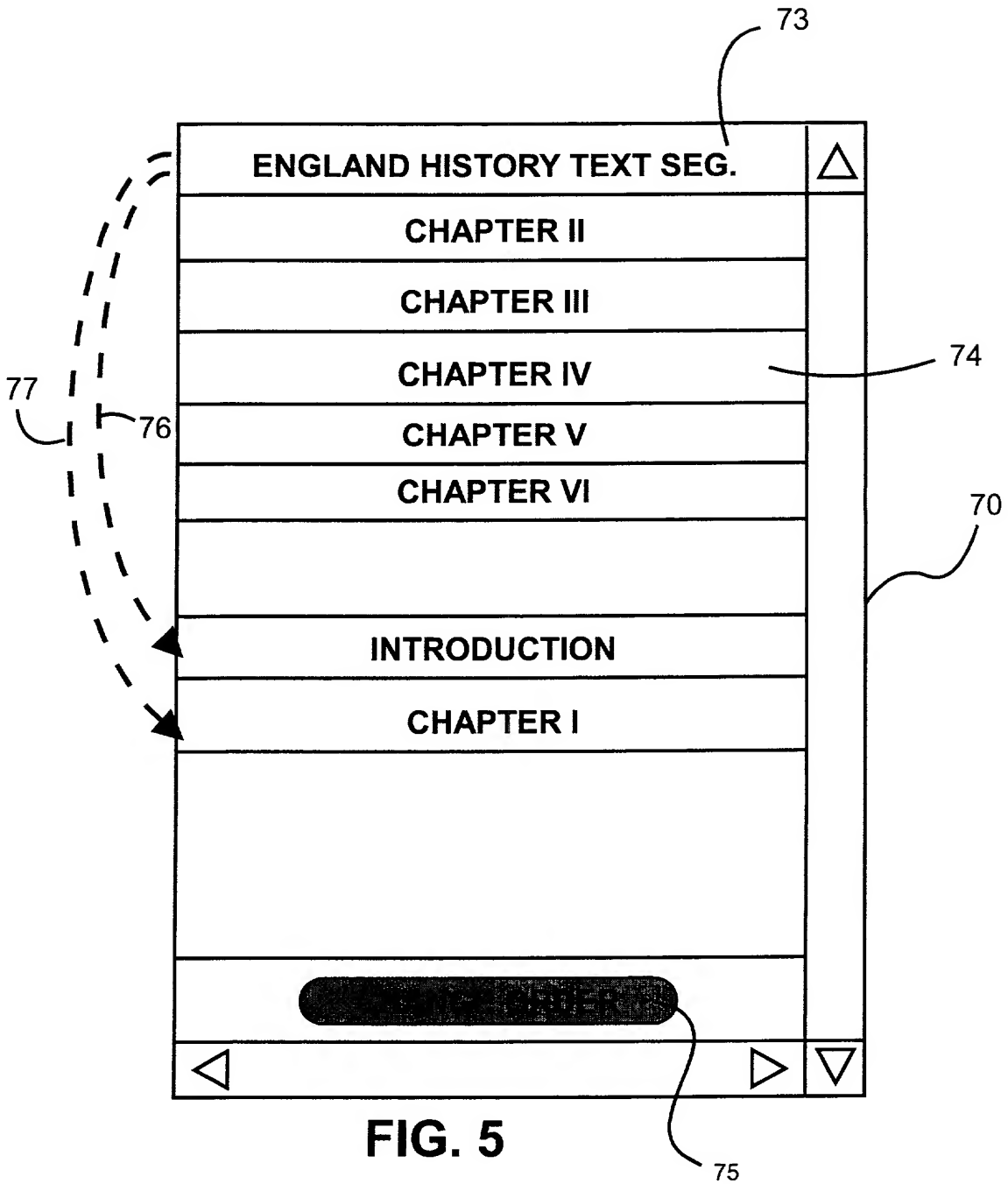

73
ENGLAND HISTORY TEXT SEG.
CHAPTER II
CHAPTER III
CHAPTER IV
74
77
76
CHAPTER V
CHAPTER VI
70
INTRODUCTION
CHAPTER I
75

FIG. 5

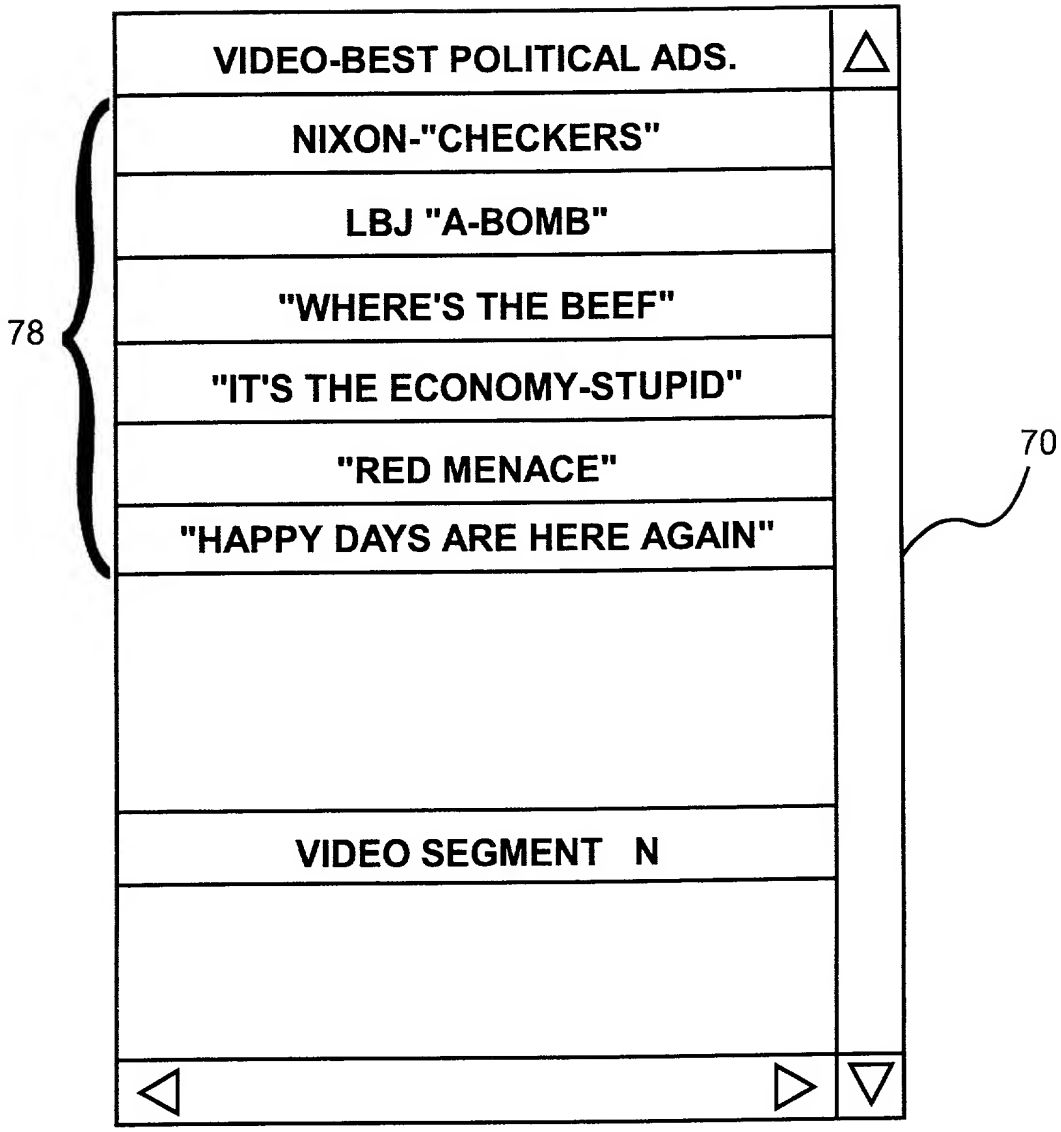
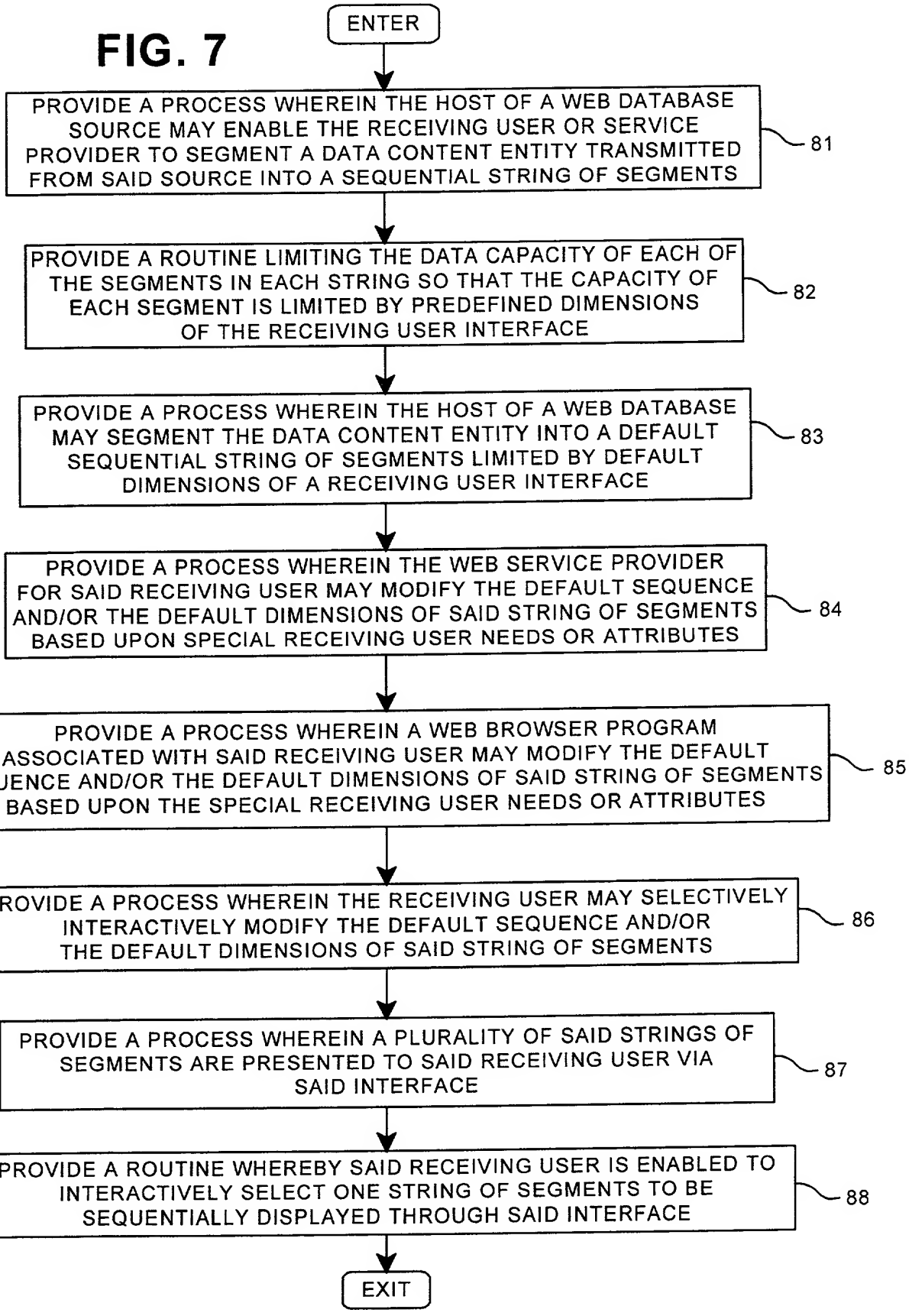

VIDEO-BEST POLITICAL ADS.
NIXON-"CHECKERS"
LBJ "A-BOMB"
"WHERE'S THE BEEF"
"IT'S THE ECONOMY-STUPID"
"RED MENACE"
"HAPPY DAYS ARE HERE AGAIN"
VIDEO SEGMENT N
78
70

FIG. 6

FIG. 7



FOR EDUCATIONAL USE ONLY

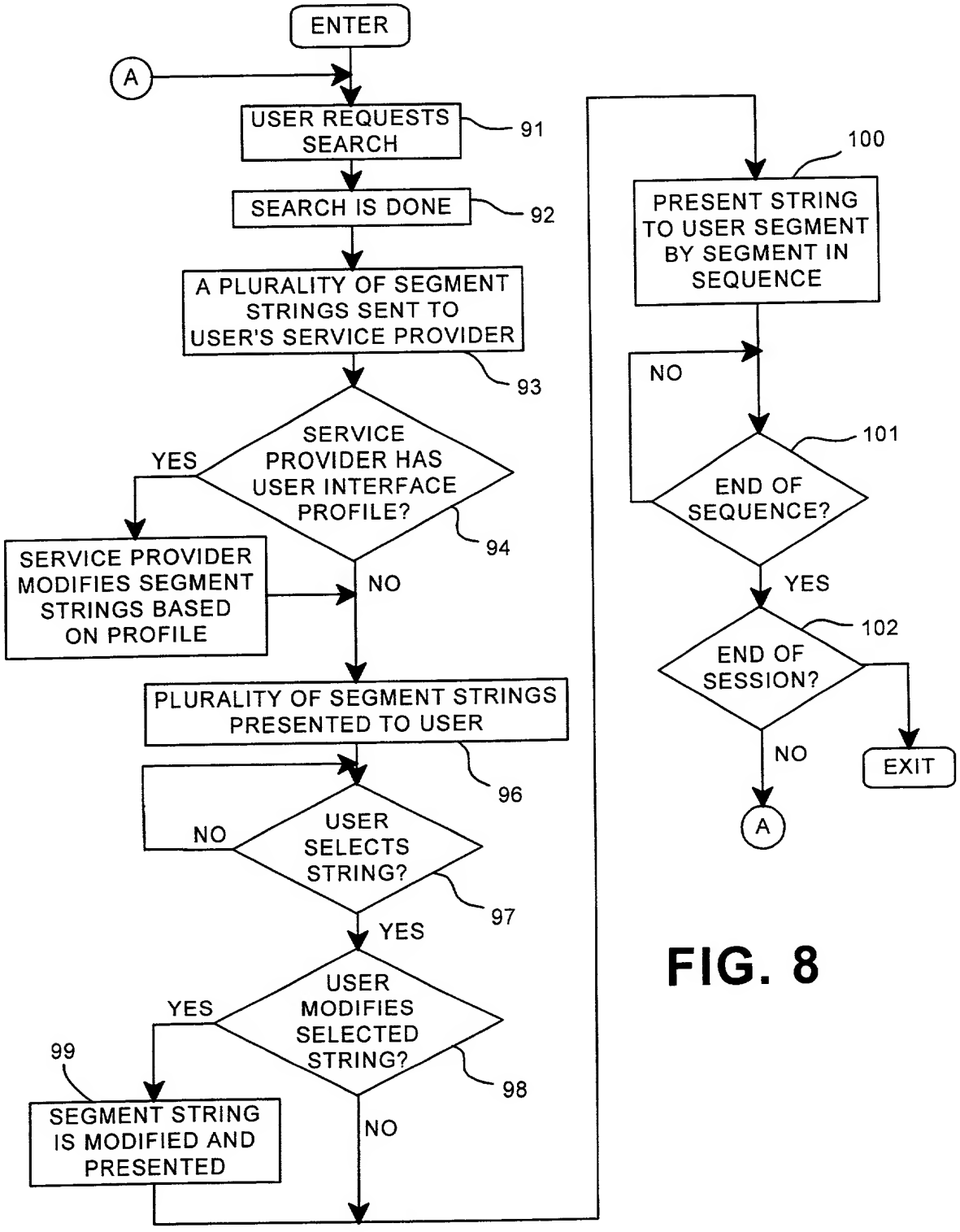

ENTER
A
USER REQUESTS SEARCH
91
SEARCH IS DONE
92
A PLURALITY OF SEGMENT STRINGS SENT TO USER'S SERVICE PROVIDER
93
SERVICE PROVIDER HAS USER INTERFACE PROFILE?
94
YES
NO
SERVICE PROVIDER MODIFIES SEGMENT STRINGS BASED ON PROFILE
PLURALITY OF SEGMENT STRINGS PRESENTED TO USER
96
USER SELECTS STRING?
97
NO
YES
USER MODIFIES SELECTED STRING?
98
YES
NO
99
SEGMENT STRING IS MODIFIED AND PRESENTED
PRESENT STRING TO USER SEGMENT BY SEGMENT IN SEQUENCE
100
NO
END OF SEQUENCE?
101
YES
END OF SESSION?
102
NO
EXIT
A

FIG. 8